



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Biopesticides and Pollution
Prevention Division (7511P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
264-1094

Date of Issuance:
26 January 2012

NOTICE OF PESTICIDE:

[x] Registration

____ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional, Time-Limited

Name of Pesticide Product:

Cry1Ab Cotton

Name and Address of Registrant (include ZIP Code):

Bayer CropScience LP
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines, at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

- 1) The subject registration will automatically expire at midnight on January 31, 2015.
2) Bayer CropScience LP must submit a validation study, conducted by an independent third party laboratory, to evaluate the performance of the test kit for Cry1Ab protein as expressed in Event T304-40 cotton. The study should use the prescribed methodology and the reagents supplied in the test kit. Consultation with the Agency is recommended if there are questions concerning the protocol.

Signature of Approving Official:

[Handwritten Signature]

Keith A. Matthews, Director

Date:

26 January 2012

Biopesticides and Pollution Prevention Division (CONCURRENCES)

Table with columns for SYMBOL, EPA Form, SURNAME, and DATE. Includes handwritten entries for 7511P, Greenway, Bacchus, Kelly, Matthews, and dates 1/26/2012, 1/26/12, 1/26/12, 26 Jan 12.

- 3) This product may be used for breeding purposes, agronomic testing, and producing seed cotton on up to a total of 20,000 acres per county, and up to a combined United States total of 30,000 acres per year. Planting of this product for the purpose of commercial sales is prohibited.
- 4) The following restrictions apply and must appear on informational material accompanying this product:
 - a. No planting of Cry1Ab Cotton is permitted south of Route 60 (near Tampa) in Florida
 - b. Experimental plots and breeding nurseries of Cry1Ab Cotton are prohibited on the U.S. Virgin Islands
 - c. Test plots or breeding nurseries, regardless of plot size, established in Hawaii must not be planted within three miles of *Gossypium tomentosum*
 - d. Test plots or breeding nurseries, regardless of plot size, established on the island of Puerto Rico must not be planted within three miles of feral cotton plants, and
 - e. Upon approval by EPA, test plots and/or breeding nurseries in Hawaii, the U.S. Virgin Islands, and Puerto Rico may be established without restriction if alternative measures, such as insecticide applications, are shown to effectively mitigate gene flow.

A stamped copy of the label is enclosed for your records.

Sincerely,



Keith A. Matthews
 Director
 Biopesticides and Pollution
 Prevention Division (7511P)

Enclosure

3/4

Cry1Ab Cotton

Insect Control Cotton
(OECD Unique Identifier: BCS-GHØØ4-7)

Active Ingredient:

Bacillus thuringiensis Cry1Ab protein and the genetic material (from plasmid pTDL008) necessary for its production in Event T304-40 cotton (BCS-GHØØ4-7)

..... 0.000079 - 0.000394%*

Inert Ingredient:

Substance produced by a herbicide tolerance gene and its controlling sequences (from plasmid pTDL008) necessary for its production in Event T304-40 cotton (BCS-GHØØ4-7)

..... 0.007853 - 0.016725%*

* Percentage protein on a dry weight basis as expressed in whole cotton plants.

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED

EPA REGISTRATION NUMBER: 264- _____

EPA ESTABLISHMENT NUMBER: 000264-TX-004

Bayer CropScience LP
2 T.W. Alexander Dr.
Research Triangle Park, NC 27709

JAN 26 2012
Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No.

264-1094

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product may be used for breeding purposes, agronomic testing, and producing seed cotton on up to a total of 20,000 acres per county and up to a combined United States total of 30,000 acres per year. Planting of this product for the purpose of commercial sales is prohibited.

This plant-incorporated protectant may be combined through conventional breeding with other registered plant-incorporated protectants that are similarly accepted for use in combination, through conventional breeding, with other plant-incorporated protectants to produce cotton varieties with combined pesticidal traits.

The following additional restrictions apply to the use of this product:

- No planting of Cry1Ab Cotton is permitted south of Route 60 (near Tampa) in Florida
- Experimental plots and breeding nurseries of Cry1Ab Cotton are prohibited on the U.S. Virgin Islands
- Test plots or breeding nurseries, regardless of plot size, established in Hawaii must not be planted within three miles of *Gossypium tomentosum*
- Test plots or breeding nurseries, regardless of plot size, established on the island of Puerto Rico must not be planted within three miles of feral cotton plants
- Upon approval by EPA, test plots and/or breeding nurseries in Hawaii, the U.S. Virgin Islands, and Puerto Rico may be established without restriction if alternative measures, such as insecticide applications, are shown to effectively mitigate gene flow.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in a cool dry place inaccessible to children.

Pesticide disposal: Any seed not used must be returned to the seed provider.

Container disposal: Do not reuse bag. Ensure that the bag is completely empty of seeds before destroying.